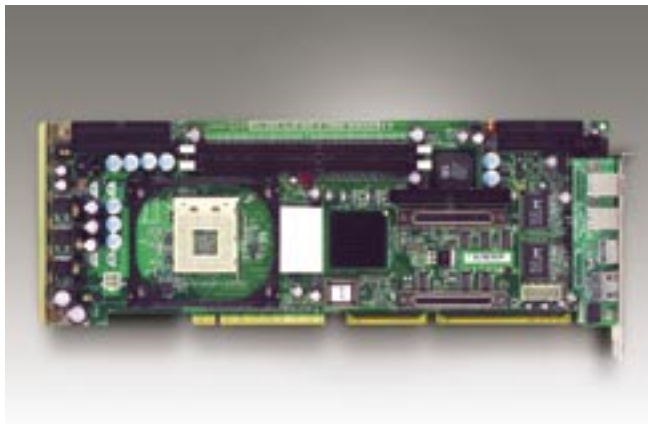


# PCA-6005-B

Socket 478 Pentium® 4/Celeron® Processor Card with VGA/  
Dual LAN/SCSI (400/533 MHz FSB)



## Features

- Socket 478 up to 3.06 GHz, supports Intel® Hyper-Threading® Technology
- SiS651 chipset 400/533 MHz FSB
- Integrated high performance VGA, shared system DRAM up to 64 MB
- Supports dual 10/100Base-T Ethernet, Realtek 8139C controller
- Onboard Adaptec AIC-7899 Ultra 160 SCSI up to 160 MB/sec.
- 4 USB 2.0 ports
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup
- No ISA support

## Specifications

Processor System	CPU	Intel Pentium 4	Intel Celeron		
	Max. Speed	3.06 GHz	2.4 GHz		
	L2 Cache	512/256 KB	128 KB		
	Chipset	SiS651			
	BIOS	Award 2 Mb Flash			
Bus	Front Side Bus	400/533 MHz			
	PCI	32-bit/33 MHz			
	ISA	Not supported			
Memory	Technology	DDR 200/266/333 SDRAM			
	Max. Capacity	2 GB			
	Socket	184-pin DIMM x 2			
Graphic	Controller	Chipset integrated VGA controller			
	VRAM	Shared system memory up to 64 MB			
Ethernet	Interface	10/100Base-T			
	Controller	RTL8139C x 2			
	Connector	RJ-45 x 2			
SCSI	Interface	Ultra 160			
	Controller	Adaptec AIC-7899			
	Max. Data Transfer Rate	160 MB/sec.			
	Channel	2			
EIDE	Mode	ATA 133/100/66/33			
	Channel	2 (Max. 4 devices)			
I/O Interface	USB	Max. 4 (USB 2.0 compliant), 4 ports onboard for E2, F versions			
	Serial	2 (RS-232)			
	Parallel	1 (SPP/EPP/ECP)			
	FDD	1			
	PS/2	1 (for V, VE versions), 2 (for E2, F versions)			
	Watchdog Timer	Output	Interrupt, system reset		
Miscellaneous	Interval	Programmable, 1 ~ 255 sec.			
	Audio Output	AC-97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1)			
Power Requirement	Typical	Pentium 4 1.6 GHz, 512 MB DDR SDRAM			
		+5 V	-5 V	+12 V	-12 V
		2.3 A	0.1 A	3.3 A	0.2 A
		Operating	Non-Operating		
Environment	Temperature	0 ~ 60 °C (32 ~ 140 °F), depends on CPU's speed	-20 ~ 70 °C (-4 ~ 158 °F)		
	Physical	Dimensions	338 x 122 mm (13.3" x 4.8")		

## Ordering Information

Part Number	VGA	SCSI	LAN
PCA-6005V-00B1	V	--	--
PCA-6005VE-00B1	V	--	Single
PCA-6005E2-00B1	V	--	Dual
PCA-6005F-00B1	V	V	Dual

## Packing List

▪ FDD cable	X 1	1700340640
▪ IDE HDD cable	X 2	1701400452
▪ Printer + COM cable	X 1	1701260305
▪ Y cable for PS/2 mouse & keyboard (only for V, VE versions)	X 1	1700060202
▪ Jumper pack	X 1	9689000068
▪ Startup manual	X 1	--
▪ Utility CD	X 1	--

## Accessory Options

▪ USB cable with 2 ports	1700100170
▪ USB extension module with 4 ports (only for V, VE versions)	PCA-USB4-00A1
▪ SCSI cable (125 cm) with terminator	1700000182
▪ CPU cooler for Pentium 4 up to 2.53 GHz, for 1U chassis	1959252100
▪ Audio extension module	PCA-AUDIO-00A1